

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Michael Francis Higgs et. al.) Group Art Unit: 2629
)
Application No.: 10/821,386) Confirmation No. 1596
)
Filed: April 9, 2004) Examiner: HJERPE, Richard A.
)
For: SYSTEM AND METHOD FOR)
SELECTING A WHITE POINT)
FOR IMAGE DISPLAYS)
)
)
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents listed on the attached PTO SB08A and/or SB08B form(s). This Information Disclosure Statement (IDS) is being filed:

- ☐ within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d),
- ☐ within three months of the date of entry of the national stage as set forth in § 1.491 in an international application;
- ☒ before the mailing of a first Office action on the merits;
- ☐ before the mailing of a first Office action after the filing of a request for continued examination under § 1.114.

Under the provisions of 37 C.F.R. § 1.97(b), no fee is required to file this Information Disclosure Statement.

Copies of cited foreign documents and non-patent literature are submitted concurrently with this IDS via the EFS-Web electronic filing system.

Applicant directs the Examiner's attention to the related commonly-owned applications listed in the table below. These applications may have subject matter that is related to the above-referenced application. On the attached IDS SB/08A Form(s) Applicant has cited documents that have been cited in Section 102 and 103 rejections by the respective Examiner in any of the below-referenced related applications in which prosecution has occurred. In the table, the current prosecution status of the related application is provided as of the filing date of this IDS. In the table, any reference to "NF" means "Non-Final", and any reference to "OA" means "Office Action."

Application Number	Examiner	Art Unit	Attorney Docket No.	Current Status
6, 980,219	(n/a)	(n/a)	08831.0057	Issued
11/196,631	Zimmerman, M	2628	08831.0058	Awaiting First OA
10/691,377	Moore, D	2625	8831.0058	Awaiting First OA
10/691,396	Amin, J	2628	08831.0059	Non-Final OA mailed
10/690,716	Luu, M	3663	08831.0060	Notice of Allowance Mailed
10/821,306	TBD	2625	08831.0067	Awaiting First OA
11/278,675	TBD	2877	08831.0072	Awaiting First OA

Applicant has also cited the published application documents or issued patent documents for the above-listed cases. Applicant has further cited non-patent literature documents, patents and patent application publications published by one or more of the named inventors and other authors that may contain background information about the display technology that forms the context of the subject matter of the application.

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making the appropriate notations on the attached form(s).

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that the listed documents are material or constitute "prior art." If the Examiner applies any documents as prior art against any claims in the application and Applicant determines that the cited documents do not constitute "prior art" under United States law, Applicant reserves the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicant further reserves the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Respectfully submitted,

By: /Judith C. Bares/
Judith C. Bares Reg. No. 34,825

Dated: December 11, 2006

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/821,386
Filing Date	April 9, 2004
First Named Inventor	HIGGINS, Michael F
Art Unit	2629
Examiner Name	HUERPE, Richard A.
Attorney Docket Number	08331.0055

Sheet 1 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,989,079	01-29-1991	Ito	
		US-5,341,153	08-23-1994	Benzschawel et al	
		US-5,398,066	03-14-1995	Martinez-Uriegas et al	
		US-5,450,216	09-12-1995	Kasson	
		US-5,724,442	03-03-1998	Ogatsu et al	
		US-5,987,165	11-16-1999	Matsuzaki et al	
		US-6,023,527	02-08-2000	Narahara	
		US-6,278,434 B1	08-21-2001	Hill et al	
		US-6,360,023 B1	03-19-2002	Betrissey et al	
		US-6,393,145 B2	05-21-2002	Betrissey et al	
		US-6,614,414 B2	09-02-2003	De Haan et al	
		US-6,738,526 B1	05-18-2004	Betrissey et al	
		US-6,937,217 B2	08-30-2005	Klompshouwer et al	
		US-2004/0239813A1	12-02-2004	Klompshouwer	
		US-2001/0048764 A1	12-6-2001	Betrissey et al	
		US-2003/0117457 A1	06-26-2003	Qiao	
		US-2003/0179212 A1	09-25-2003	Matsushiro et al	
		US-6,980,219 B2	12-27-2005	Higgins	
		US-2005/0083341 A1	04-21-2005	Higgins et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.†	Foreign Patent Document Country Code ² -Number ² -Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7*
		GB 2 282 928 A	04-19-1995	Childs et al		
		WO 00/42782	07-20-2000	Betrissey et al		

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional). ‡ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 14497TO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use as many sheets as necessary)

Sheet	2	of	4
-------	---	----	---

Complete if Known

Application Number	10/821,386
Filing Date	April 9, 2004
First Named Inventor	HIGGINS, Michael P.
Art Unit	2629
Examiner Name	HJERPE, Richard A.
Attorney Docket Number	08831.0065

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.:	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ^o
		Country Code ¹ , Number ² , Kind Code ³ (if known)	MM-DD-YYYY			

Examiner Signature	Date Considered
-----------------------	--------------------

EXAMINER: Initial of reference considered, whether or not citation is in compliance with MPEP § 609. Draw line through citation not in compliance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/821,386		
		Filing Date	April 9, 2004		
		First Named Inventor	HIGGINS, Michael F.		
		Art Unit	2629		
		Examiner Name	HIERPE, Richard A		
Sheet	3	of	4	Attorney Docket Number	08831.0065

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Betrissey, C., et al., "Displaced Filtering for Patterned Displays, SID Symp. Digest 1999, pgs 296-299	
		Brown Elliott, C., "Active Matrix Display....", IDMC 2000, 185-189, 8/2000.	
		Brown Elliott, C., "Color Subpixel Rendering Projectors and Flat Panel Displays," SMPTE, Feb 27-Mar 1, 2003, Seattle, WA pp 1-4	
		Brown Elliott, C, "Co-Optimization of Color AMLCD Subpixel Architecture and Rendering Algorithms," SID 2002 Proceedings Paper, May 30, 2002 pp 172-175	
		Brown Elliott, C, "Development of the PenTile Matrix™ Color AMLCD Subpixel Architecture and Rendering Algorithms", SID 2003, Journal Article	
		Brown Elliott, C, "New Pixel Layout for PenTile Matrix™ Architecture", IDMC 2002, pp 115-117	
		Brown Elliott, C, "Reducing Pixel Count Without Reducing Image Quality", Information Display 12/99, Vol 1, pp 22-25	
		Credelle, Thomas, "P-00: MTF of High-Resolution PenTile Matrix Displays", Eurodisplay 02 Digest, 2002 Pages 1-4	
		Klompenhouwer, Michiel, "Subpixel Image Scaling for Color Matrix Displays, SID Symp. Digest, 05/02, pp 176-179	
		Michiel A. Klompenhouwer, Gerard de Haan, Subpixel image scaling for color matrix displays, Journal of the Society for Information Display, Volume 11, Issue 1, March 2003, pp. 99-108	

Examiner Signature	Date Considered
--------------------	-----------------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitution for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known Application Number 10/821,386 Filing Date April 9, 2004 First Named Inventor HIGGINS, Michael F. Art Unit 2629 Examiner Name HIERPE, Richard A. Attorney Docket Number 08831.0065	
Sheet	4	of	4		

NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Applicant's unique citation designation number (optional). * Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.